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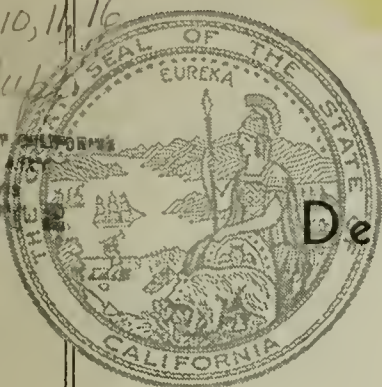
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Department of Water Resources



Final Supplements

BULLETINS No's 94-9, 94-10, 94-11, 94-16

LAND AND WATER USE IN
LOST RIVER-BUTTE VALLEY, MENDOCINO COAST,
RUSSIAN RIVER, SACRAMENTO VALLEY NORTHEAST
HYDROGRAPHIC UNITS

Public Hearing Summaries
and
Changes to the Preliminary Editions

AUGUST 1967

RONALD REAGAN
Governor
State of California

WILLIAM R. GIANELLI
Director
Department of Water Resources

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STATE OF CALIFORNIA
The Resources Agency
Department of Water Resources

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AUGUST 1967

RONALD REAGAN
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FOREWORD

The preliminary editions of Bulletin No. 94-9 (July 1965), 94-10 (March 1964), 94-11 (November 1964), and 94-16 (April 1966) presented the results of land and water use surveys in the Lost River-Butte Valley, Mendocino Coast, Russian River, and Sacramento Valley Northeast Hydrographic Units respectively.

Section 232 of the State Water Code (the authorization for the investigations leading to these reports) requires that hearings be conducted on preliminary reports and that findings be prepared and reported thereon. The final supplements contained herein report on the public hearings held on the four reports.

The preliminary editions of the four reports have been carefully reviewed and all of the written and oral comments received at the public hearings have been considered in the preparation of these final supplements. Since only minor technical and editorial revisions have been found necessary, final supplements were prepared rather than formal final bulletins.

The preliminary editions, together with these final supplements, constitute the findings of the investigations. Each supplement contains a section on public hearings and a section on the revisions to be made to each of the four bulletins; the holder of a preliminary edition may make it a complete report by inserting the appropriate section in his copy. In some cases, a small portion of the report containing a change has been reproduced; in other cases directions are given for making the correction in the report.

William R. Gianelli
William R. Gianelli, Director
Department of Water Resources
The Resources Agency
State of California

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

RONALD REAGAN, Governor
WILLIAM R. GIANELLI, Director, Department of Water Resources
JOHN R. TEERINK, Deputy Director

SAN FRANCISCO BAY DISTRICT

NORTHERN DISTRICT

Charles A. McCullough . . District Engineer	Gordon W. Dukleth . . District Engineer
J. D. Vayder. .Chief, Planning and Investigations Section	Stuart T. Pyle. . . . Chief, Planning Section

These reports were prepared in final form by

D. J. Finlayson . .Senior Engineer	Thomas C. Mackey. . . . Senior Engineer
------------------------------------	---

Statewide Aspects of the
Land Use and Classification Surveys Program
are coordinated under the direction of the
Statewide Planning Office

John M. Haley Chief

Wayne MacRostie . Chief, Planning Investigations Branch

CALIFORNIA WATER COMMISSION

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WILLIAM H. JENNINGS, Vice Chairman, La Mesa

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CLAIR A. HILL, Redding

EDWIN KOSTER, Grass Valley

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WILLIAM M. CARAH
Executive Secretary

WILLIAM L. BERRY, SR.
Engineer

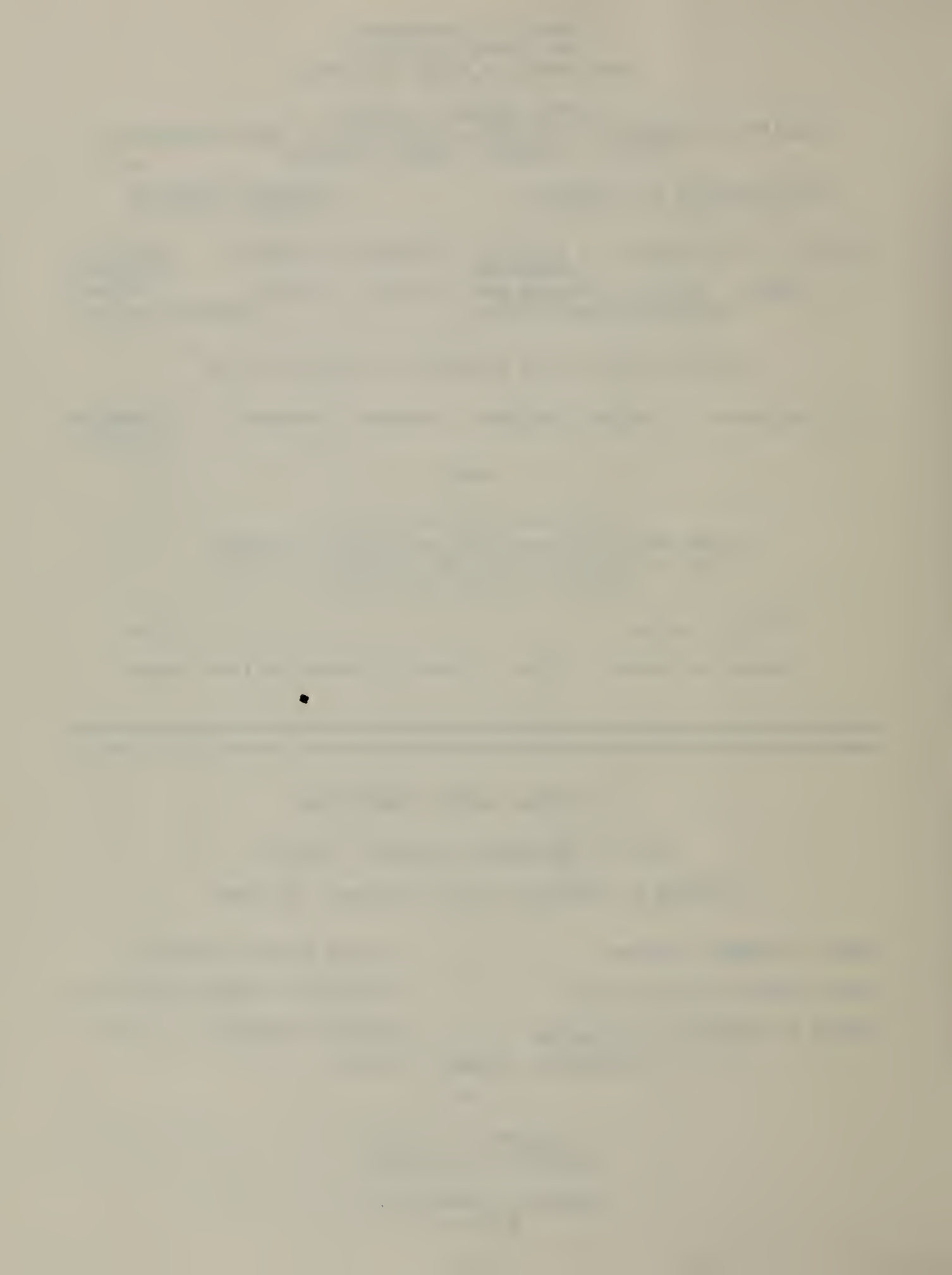


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FINAL SUPPLEMENT

TO

BULLETIN NO. 94-9

"LAND AND WATER USE IN LOST RIVER-
BUTTE VALLEY HYDROGRAPHIC UNIT"

PUBLIC HEARINGS ON BULLETIN NO. 94-9

The preliminary edition of Bulletin No. 94-9, dated July 1965, presented results of land and water use surveys made of the Lost River-Butte Valley Hydrographic Unit During 1959.

In accordance with Section 232 of the State Water Code, the Department of Water Resources held public hearings on the report in Dorris on January 19, 1966, and in Alturas on January 20, 1966, to receive comments from interested persons. In addition to representatives of the Department of Water Resources, there were ten interested persons at the January 19 hearing and one at the January 20 hearing. During the hearings, oral statements were presented by:

January 19 Hearing: Mr. Walter Kehl, farmer
Mr. M. V. Maxwell, Siskiyou County Water
Resources Board
Mr. K. G. Baghott, University of California
Mr. George Stevenson
Mr. L. W. Parsons
Mr. C. D. Lawrence
Mr. D. V. Lance, representing the Tulalake
Irrigation District
Mr. Earl Ager, Siskiyou County Supervisor
Mr. Jack Liskey, farmer

January 20 Hearing: Mr. Robert Searway, representing the Soil
Conservation Service

Written comments were received from the Modoc National Forest, U. S. Forest Service, and the California State Department of Fish and Game.

Comments made by the above agencies were considered in making changes to the preliminary edition.

Copies of written comments together with the transcript of the public hearing are on file in the Northern District office in Red Bluff and are available for public examination.

REVISIONS TO BULLETIN NO. 94-9

The following changes, resulting from comments received and corrections the Department found necessary, should be made to the preliminary edition.

1. Page 37 - Delete Butte Valley Soil Conservation District and Siskiyou County Flood Control and Water Conservation District from the list at the bottom of the page.
2. Page 48 - Delete corn from the list of field crops and add crambe; delete all but potatoes, onions, and garlic from the list of truck crops; and delete all deciduous fruits.
3. Page 95, Last sentence of first paragraph - Should read, "Although there are very good stands of timber in the Hackamore-Badger Well and Crowder Flat-Beaver Dam areas, the principal use of some portions of the Devil's Garden is for livestock range."
4. Page 96, last line of first paragraph - Change "Plate 3" to read "Plate 4".

FINAL SUPPLEMENT

TO

BULLETIN NO. 94-10

"LAND AND WATER USE IN MENDOCINO

COAST HYDROGRAPHIC UNIT"

PUBLIC HEARING ON BULLETIN NO. 94-10

The preliminary edition of Bulletin 94-10, dated March 1964, presented the results of surveys made during 1949 and 1950 to determine land use, water use, and land classification in the Mendocino Coast Hydrographic Unit.

A public hearing on the contents of the report, held in accordance with Section 232 of the State Water Code, was conducted by the Department of Water Resources in Fort Bragg (Mendocino County) on October 29, 1964. In addition to representatives of the Department, there were ten interested persons in attendance at the hearing.

During the hearing, oral statements were presented by:

Mr. B. J. Vaughn, representing the Union Lumber Company,
Mr. John Bower, representing the North Gualala Water Company,
Mr. W. F. Grader, representing the North Coast Regional Water Quality Control Board.

Written comments were received from the California State Department of Fish and Game and the California State Division of Forestry.

Copies of written comments and the transcript of the hearing are on file in the office of the San Francisco Bay District.

REVISIONS TO BULLETIN NO. 94-10

The following are revised portions of the report. They result from comments received and changes the originator found necessary. They are printed to be removed and inserted where applicable in the preliminary edition. In particular, note revisions 14 and 15.

VOLUME I: TEXT

1. Page viii - Illustration No. 7 (Change in description)

7	Mouth of Albion River at Albion	26
---	---	----

2. Page xii - Center of page (Add names)

and

Eugene F. Serr	Acting Chief, Planning and Investigations Section
--------------------------	--

This report was prepared by

Donald J. Finlayson	Senior Engineer
Ernest H. Rojas	Assistant Civil Engineer
Richard J. Wagner	Associate Land and Water Use Analyst

assisted by

Allan R. Black	Assistant Land and Water Use Analyst
Donald R. Davis	Assistant Land and Water Use Analyst
George M. LeRoy	Assistant Land and Water Use Analyst
Frederick L. Montgomery	Assistant Land and Water Use Analyst

3. Page 2 - First full paragraph (Addition to last line)

The final determinations of these water requirements will be based on estimates of: (1) future land use, (2) economic patterns, (3) population, (4) industrial and agricultural development, (5) recreational needs, and (6) fish and wildlife needs.

4. Page 5 - Bottom of first paragraph (Clarification)

otter hunting was found very profitable. A variety of conditions such as unfavorable coastal climate, infertility of the soil, and a lack of skilled farmers resulted in poor grain crops. By 1819, sea otter hunting had become sparse and unprofitable.

5. Page 6 - Second paragraph (Correction)

The first commercial sawmill in California, and perhaps on the entire Pacific Coast, was constructed by John B. R. Cooper near the present location of Mirabel Park on the Russian River. The first large permanent mill was that established by the California Lumber Company at Mendocino City in 1852. Numerous sawmills were constructed during the next 30 years, and the lumber industry became the mainstay of the economy of the area.

10. Page 16 - Last full paragraph (Omit last sentence)

[illegible]

11. Page 17 - Bottom of page (Correct headings in Table 4)

	:Mean runoff for:	:	:
	:50-year period	:Minimum runoff for:	:Maximum runoff for
	: in acre-feet	: 50-year period	: 50-year period
	: 1907-08 to	: in acre-feet	: in acre-feet
Subunit	: 1956-57	: 1923-24	: 1940-41

12. Page 26 - Center of page (Correct title Illustration 7)

Illustration 6
(top)

Illustration 7
(bottom)

Union Lumber Company's
Pudding Creek Diversion

Mouth of Albion River
at Albion

13. Page 28 - Table No. 5 (Change source of 17N/15W-5K1 from Freathy Creek to Water Gulch)

Location number and/or Plate 2 sheet number	Diversion name and/or owner	Source
M D B & M 16N/17W-4N1 (Sheet 8)	Ole Hervilla	Unnamed tributary to the Pacific Ocean
16N/17W-9C1 (Sheet 8)	Arthur R. Oliver	Unnamed tributary to the Pacific Ocean
16N/17W-9C2 (Sheet 8)	Arthur R. Oliver	Unnamed tributary to the Pacific Ocean
16N/17W-8P1 (Sheet 8)	Cecil R. Mallory	Unnamed tributary to the Pacific Ocean
16N/17W-28B1 (Sheet 8)	Masonite Corp.	Happy Valley Canyon
17N/15W-5K1 (Sheet 7)	California Department of Natural Resources, Division of Forestry	Water Gulch
17N/16W-4C1 (Sheet 6)	California Department of Natural Resources, Division of Forestry	Parlin Fork
18N/16W-33N1 (Sheet 6)	California Department of Natural Resources, Division of Forestry	South Fork Noyo River

* See Remarks for lettered footnotes, see last page of table.

14. Page 62 - Bottom of page (Correct amounts)

Navarro River						
Mendocino County	843	24	0	1,115	393	729
Point Arena						
Mendocino County	1,087	176	0	1,039	665	2,453
Rockport						
Mendocino County	<u>180</u>	<u>117</u>	<u>0</u>	<u>285</u>	<u>60</u>	<u>135</u>

SUMMARY:

Mendocino County	2,271	635	24	3,328	6,548	8,302
Sonoma County	<u>19</u>	<u>91</u>	<u>0</u>	<u>165</u>	<u>140</u>	<u>15</u>
TOTAL	2,290	726	24	3,493	6,688	8,317

15. Page 84 - Bottom of page (Correct agricultural and urban acreage)

<u>Use</u>	<u>Area in acres</u>
Agriculture	
Lands irrigated in 1959	2,090
Lands usually irrigated, but idle or fallow in 1959	200
Naturally irrigated marsh and meadowlands	750
Dry-farmed lands	<u>3,493</u>
TOTAL	<u>6,533</u>
Urban	6,688

16. Page 86 - Top of page (Clarification)

The 21,538 acres used for recreational and for intensive agricultural and urban purposes in 1959 represent approximately 21 percent of the total area of the unit.

17. Page B-3 - Top of page (Add reference)

APPENDIX B

REPORT ON RELATED INVESTIGATIONS AND OTHER REFERENCES

Bancroft, Hubert Howe, "History of California,"
 A. L. Bancroft Company, San Francisco, (1884)

California Historical Society, "The Russians in California",
 Special Publication No. 7, (1933)

Hoover, M. B., Rensch, H. E., and Rensch, G. R., "Historic
 Spots in California", (1948)

VOLUME II: PLATES

No revisions

FINAL SUPPLEMENT

TO

BULLETIN NO. 94-11

"LAND AND WATER USE IN RUSSIAN

RIVER HYDROGRAPHIC UNIT"

PUBLIC HEARING ON BULLETIN NO. 94-11

The preliminary edition of Bulletin No. 94-11, dated November 1964, presented the results of surveys made during 1949 and 1950 to determine land use, water use, and land classification in the Russian River Hydrographic Unit.

A public hearing on contents of the report, held in accordance with Section 232 of the State Water Code, was conducted by the Department of Water Resources in Santa Rosa (Sonoma County) on April 8, 1965. In addition to representatives of the Department, there were twenty-one interested persons in attendance at the hearing.

During the hearing, oral statements were presented by:

Mr. Gordon W. Miller, representing Sonoma County Flood Control and Water Conservation District
Mr. Stewart Stone, representing Sonoma County Water Problems Committee
Mr. Harry Graham, representing Sonoma County Taxpayers Association
Mr. William C. McCulloch, representing Sonoma County Farm Bureau
Mr. O. W. Steindorff

Written comments were received from the Bureau of Indian Affairs, United States Department of Interior, and the U.S. Army Engineer District, San Francisco, Corps of Engineers.

Copies of written comments and the transcript of the hearing are on file in the office of the San Francisco Bay District.

REVISIONS TO BULLETIN NO. 94-11

The following are revised portions of the report. They result from comments received and changes the originator found necessary. They are printed to be removed and inserted where applicable in the preliminary edition. In particular, note revisions 3 and 4.

VOLUME I: TEXT

1. Page xii - Center of page

and

Jerry D. Vayder Chief, Planning and
Investigations Section

This report was prepared by

Donald J. Finlayson Senior Engineer
Ernest H. Rojas Assistant Civil Engineer
Richard J. Wagner Associate Land and Water Use Analyst

assisted by

Robert McGill Associate Land and Water Use Analyst
Fred Stumpf Associate Land and Water Use Analyst
Allan R. Black Assistant Land and Water Use Analyst
Charles Ferchaud Assistant Land and Water Use Analyst

Statewide aspects of the
Water Requirements and Project Staging Program
are coordinated under the direction of the
Statewide Planning Office

2. Page 29 - Last 6 lines (Clarification)

was constructed by the Army Corps of Engineers as a part of the Russian River Project. Sonoma County provided the financial non-Federal cash contribution. Mendocino County subsequently reimbursed Sonoma County a proportionate share of this cost. The construction of Coyote Dam was a considerable benefit to agriculture and recreation within the unit.

A third agency, Marin County, also has an interest in development of the Russian River water resources, as the county will receive water through the aqueducts from the Wohler pumping plant.

3. Page C-2 - All of Table of Contents (Material added)

	<u>Page</u>
California Water Rights	C-3
Riparian Rights	C-4
Appropriative Rights	C-4
Ground Water Rights	C-6
State Assistance	C-8
Adjudication of Water Rights	C-9
Indian Lands	C-9

TABLES

<u>Table No.</u>		<u>Page</u>
C-1	Applications to Appropriate Water in Russian River Hydrographic Unit . . .	C-10
C-2	Indian Lands for which United States Claims Jurisdiction Over Water Rights	C-32

3. Page C-9 - All of page (Information on Indian lands added)

to 4407, inclusive, in making distribution of the water to them according to their respective rights, as determined by the court.

Adjudication of Water Rights

There has been no major adjudication of water rights in the Russian River Hydrographic Unit. Consequently, neither the State Water Rights Board nor any of its predecessor agencies has been involved in a court reference, and state watermaster service has not been established.

Applications to appropriate water within the Russian River Hydrographic Unit, filed with the State since 1914 and active on July 11, 1962, are summarized in Table C-1. Those diversions for which an application to appropriate water is filed with the State and which were found in this survey to be of significant size have been assigned diversion numbers which are included in the table. The status of each application as to the granting of a permit or license is also shown in the table.

Indian Lands

The United States claims jurisdiction over water rights for Indian residents or beneficiaries on lands of two categories. The first consists of lands held in trust by the United States for which water rights were reserved by the United States for the Indians at the time of the establishment of the reservation or rancheria. The second category is included in the Rancheria Act, Public Law 85-671 approved on August 18, 1958. Section 4 of this Act provides:

"Nothing in this Act shall abrogate any water right that exists by virtue of the laws of the United States. To the extent that the laws of the State of California are not now applicable to any water right appurtenant to any lands involved herein they shall continue to be inapplicable while the water right is in Indian ownership for a period not to exceed fifteen years after the conveyance pursuant to this Act of an unrestricted title thereto, and thereafter the applicability of such laws shall be without prejudice to the priority of any such right not theretofore based upon State law."

4. Page C-32 - Add this page (Information on Indian lands)

Indian Lands for Which
United States Claims Jurisdiction
Over Water Rights

Reservation or Rancheria	Location		Total Acres	Irrigable Present Ultimate	
<u>Upper Russian River Unit</u>					
Guideville	15N/12W	MDM	243	1	5
Hopland	13N/11W	"	2,070	0	5
Pinoleville	15N/12W	"	98	0	35
<u>Coyote Valley Unit</u>					
Potter Valley	18-17N/11 -12W	"	96	0	16
<u>Forsythe Creek Unit</u>					
Redwood Valley	17N/12W	"	86	0	2
<u>Middle Russian River Unit</u>					
Alexander Valley	9N/8W	"	54	0	6
Cloverdale	11N/10W	"	27	20	20
Dry Creek	10N/9W	"	75	1	1
Lytton	9N/9W	"	50	30	45
<u>Laguna Unit</u>					
Graton	7N/9W	"	15	0	0
<u>Mark West Unit</u>					
Mark West	8N/8W	"	36	0	0

NOTE: Total acreages shown is that acreage within the original rancheria or reservation prior to acceptance of the Rancheria Act. Part or all of this acreage may now be in non-Indian ownership.

VOLUME II - PLATES

No revisions

FINAL SUPPLEMENT
TO
BULLETIN NO. 94-16
"LAND AND WATER USE IN
SACRAMENTO VALLEY NORTHEAST
HYDROGRAPHIC UNIT

PUBLIC HEARINGS ON BULLETIN NO. 94-16

The preliminary edition of Bulletin No. 94-16, dated April 1966, presented the results of surveys made in 1962 to determine land and water use and land classification in the Sacramento Valley Northeast Hydrographic Unit, covering the eastern portion of the valley from Butte Creek to the Pit River.

In accordance with Section 232 of the State Water Code, public hearings were held on the preliminary edition of the report in three different locations on May 24, 25, and 26.

The hearings were held as follows:

Paradise Irrigation District Office - Paradise, Tuesday,
May 24, 1966

Northern District Office - Red Bluff, Wednesday, May 25,
1966

Board of Supervisor's Chambers - Redding, May 26, 1966

There were a total of 17 interested persons at the three hearings. During the hearings oral statements were presented by:

Mr. George Stamm, Oroville, representing Butte County

Mr. Milton K. Daily, representing the State Department
of Fish and Game

Mr. Harlan E. Warwick, representing the City of Red Bluff

Mrs. Anna C. Hennessey, Manton, private citizen and land
owner

Written statements were received from the following:

State Department of Fish and Game

Shasta County Department of Water Resources

U. S. Forest Service, Lassen National Forest

Central Valley Regional Water Quality Control Board

Written comments received from the above agencies and the transcript of the three hearings are on file in the Northern District Office in Red Bluff.

REVISIONS TO BULLETIN NO. 94-16

The following changes, resulting from comments received and corrections the Department found necessary, should be made in the preliminary edition.

1. Page 13, Table 2, Remarks column, last two lines of entry - Should read, "cubic feet per month between October 1 and June 1 of each year."
2. Page 16, Table 2, sixth item in first column (D-30N/2E-17L1/13-22) - Garnier Ditch should not be shown as owned by F. G. Gulart and W. A. Richelieu. They own the ditch that is the extension of the Garnier Ditch, i.e., that portion of the ditch below Carole Lake.
3. Page 40, Table 2, Source column, last entry - Should read, "North Fork Battle Creek*".
4. Page 45, Table 4, Remarks column, last entry - Should read, "Reduced to 0.30 cfs between July 1 and October 1."

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